

Searching PCT...

[Search Summary]

Results of searching in PCT for:

("micromechanical" or "micro electromechanical" or mems or microelectromechanical or micromechanical or "micro electro mechanical") near

(resonator or vibrator or oscillator) : 55 records

Showing records 1 to 25 of 55 :

[Next 25 records](#)

[Start At](#)

[Refine Search](#)

["micromechanical" or "micro electromechanical" or n]

Score Title

1. (099) [\(WO 03/041215\) MICROMECHANICAL RESONATOR](#)
2. (069) [\(WO 98/01948\) MECHANICAL SIGNAL PROCESSOR COMPRISING MEANS FOR LOSS COMPENSATION](#)
3. (054) [\(WO 02/17482\) MICROMECHANICAL RESONATOR DEVICE AND MICROMECHANICAL DEVICE UTILIZING SAME](#)
4. (052) [\(WO 2005/071842\) FREQUENCY AND/OR PHASE COMPENSATED MICROELECTROMECHANICAL OSCILLATOR](#)
5. (052) [\(WO 2005/071842\) FREQUENCY AND/OR PHASE COMPENSATED MICROELECTROMECHANICAL OSCILLATOR](#)
[Repub: 09.09.2005]
6. (047) [\(WO 2004/027833\) ELECTRICALLY-COUPLED MICRO-ELECTRO-MECHANICAL FILTER SYSTEMS AND METHODS](#)
7. (047) [\(WO 2004/027833\) ELECTRICALLY-COUPLED MICRO-ELECTRO-MECHANICAL FILTER SYSTEMS AND METHODS](#)
[Repub: 15.07.2004]
8. (047) [\(WO 2004/095696\) TEMPERATURE COMPENSATION FOR SILICON MEMS RESONATOR](#)
9. (044) [\(WO 00/42705\) DEVICE INCLUDING A MICROMECHANICAL RESONATOR HAVING AN OPERATING FREQUENCY AND METHOD OF EXTENDING SAME](#)
10. (044) [\(WO 01/33711\) TIME BASE COMPRISING AN INTEGRATED MICROMECHANICAL RING RESONATOR](#)
11. (038) [\(WO 02/17481\) MICROMECHANICAL RESONATOR DEVICE](#)
12. (038) [\(WO 02/17481\) MICROMECHANICAL RESONATOR DEVICE](#)
[Repub: 06.06.2002]
13. (038) [\(WO 02/017482\) MICROMECHANICAL RESONATOR AND FILTER USING THE SAME](#)
[Repub: 10.10.2002]
14. (033) [\(WO 2005/015735\) MICROMECHANICAL RESONATOR DEVICE AND METHOD OF MAKING A MICROMECHANICAL DEVICE](#)
15. (033) [\(WO 2005/035436\) MEMS DEVICE ANNEALING](#)
16. (029) [\(WO 2004/027796\) CAPACITIVE RESONATORS AND METHODS OF FABRICATION](#)
17. (029) [\(WO 2004/027796\) CAPACITIVE RESONATORS AND METHODS OF](#)

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

microresonator or "micro resonator" or "micro-resonator" or "micro oscillator" or "micro-oscillator" or microvibrator or "micro vibrillator" or "micro-vibrator":

113 records

Showing records 1 to 25 of 113 :

[Next 25 records](#)

[Start At](#)

[Refine Search](#)

microresonator or "micro resonator" or "micro-resona

Title

1. [\(WO 2005/074502\) HIGH-Q MICROMECHANICAL RESONATOR DEVICES AND FILTERS UTILIZING SAME](#)
2. [\(WO 2005/010928\) PHOTONIC BAND GAP **MICRO-RESONATOR** DEVICE AND METHOD](#)
[Repub: 04.08.2005]
3. [\(WO 2005/067690\) TUNABLE RADIO FREQUENCY AND MICROWAVE PHOTONIC FILTERS](#)
4. [\(WO 2005/067188\) DELAY WAVEGUIDE AND OPTICAL FUNCTIONAL CIRCUIT USING SAME](#)
5. [\(WO 2005/067031\) FERROELECTRIC THIN FILMS AND DEVICES COMPRISING THIN FERROELECTRIC FILMS](#)
6. [\(WO 2005/064375\) LOW LOSS MICRORING RESONATOR DEVICE](#)
7. [\(WO 2005/064373\) PHOTONIC CRYSTAL OPTICAL ELEMENT AND MANUFACTURING METHOD THEREFOR](#)
8. [\(WO 2005/064315\) AN OPTICAL SYSTEM FOR DETECTING THE CONCENTRATION OF COMBUSTION PRODUCTS](#)
9. [\(WO 2004/109351\) ULTRA-HIGH Q **MICRO-RESONATOR** ON SILICON SUBSTRATE AND METHOD OF FABRICATION THEREOF](#)
[Repub: 26.05.2005]
10. [\(WO 2005/046051\) **MICRO-RESONATOR** AND COMMUNICATION APPARATUS](#)
11. [\(WO 2005/040875\) HYBRID SPHERE-WAVEGUIDE RESONATORS](#)
12. [\(WO 2005/040772\) POROUS MICROSPHERE RESONATORS AS SENSORS](#)
13. [\(WO 2005/036979\) METHOD FOR MODIFYING THE COMPOSITION OF MILK AND USE OF MILK](#)
14. [\(WO 2005/030980\) HIGH DENSITY METHODS FOR PRODUCING DIODE-PUMPED MICRO LASERS](#)
15. [\(WO 2004/100362\) THERMOELASTICALLY ACTUATED **MICRORESONATOR**](#)
[Repub: 31.03.2005]
16. [\(WO 2005/025112\) ALL OPTICAL VARIABLE BUFFER QUEUE USEFUL IN OPTICAL PACKET NETWORKS](#)
17. [\(WO 2005/025057\) ELECTROMECHANICAL TRANSDUCER AND ELECTRICAL DEVICE](#)
18. [\(WO 2005/022224\) OPTICAL DEVICE AND METHOD OF MANUFACTURING THE SAME](#)
19. [\(WO 2005/021451\) PROCESS FOR MAKING LOW-OH GLASS ARTICLES AND LOW-OH](#)

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

(oscillator or vibrator or resonator) near (electrostrictive or piezoelectric) and (mount or mounted or mounting) and (cantilever or cantilevered): 27 records

Showing records 1 to 25 of 27 :

Final 2 records

Start At

Refine Search

(oscillator or vibrator or resonator) near (electrostrictive or piezoelectric) and (mount or mounted or mounting) and (cantilever or cantilevered)

Title

1. [\(WO 2005/001421\) IMPROVED PIEZOIMMUNOSENSOR](#)
2. [\(WO 2004/086027\) MECHANICAL **RESONATOR**](#)
3. [\(WO 2004/086020\) APPLICATION SPECIFIC INTEGRATED CIRCUITRY FOR CONTROLLING ANALYSIS OF A FLUID](#)
4. [\(WO 2004/044569\) MEMS MEMBRANE BASED SENSOR](#)
5. [\(WO 2004/015430\) TRIAXIAL ACCELERATION SENSOR](#)
6. [\(WO 2004/003384\) PIEZOELECTRIC MICROPUMP WITH DIAPHRAGM AND VALVES](#)
7. [\(WO 03/099458\) LOW LEAKAGE LIQUID ATOMIZATION DEVICE](#)
8. [\(WO 03/088851\) TISSUE PENETRATION DEVICE](#)
9. [\(WO 03/038409\) CANTILEVER ARRAY SENSOR SYSTEM](#)
[Repub: 31.07.2003]
10. [\(WO 03/038409\) CANTILEVER ARRAY SENSOR SYSTEM](#)
11. [\(WO 02/097270\) MICROPUMP](#)
12. [\(WO 02/082580\) TUNEABLE DIELECTRIC **RESONATOR**](#)
13. [\(WO 02/28539\) SYSTEMS AND METHODS FOR CONTROLLING FLUID FEED TO AN AEROSOL GENERATOR](#)
14. [\(WO 00/60369\) PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR](#)
[Repub: 14.03.2002]
15. [\(WO 02/10677\) OPTICAL SENSING DEVICE CONTAINING FIBER BRAGG GRATINGS](#)
16. [\(WO 01/54450\) TRANSDUCER](#)
17. [\(WO 01/01121\) MULTI-MODAL ANALYSIS OF MICROMECHANICAL STRUCTURES FOR SENSING APPLICATIONS](#)
18. [\(WO 00/60369\) PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR](#)
19. [\(WO 00/53337\) IMPROVED ATTACHMENT METHOD FOR **PIEZOELECTRIC** ELEMENTS](#)
20. [\(WO 00/53336\) DELIVERY SYSTEM FOR DISPENSING VOLATILES](#)
21. [\(WO 00/51747\) CONTROL SYSTEM FOR ATOMIZING LIQUIDS WITH A **PIEZOELECTRIC VIBRATOR**](#)
22. [\(WO 00/47335\) PIEZOELECTRIC SPRAYING SYSTEM FOR DISPENSING VOLATILES](#)
23. [\(WO 00/10361\) ULTRASONIC HEARING SYSTEM](#)

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

**(oscillator or vibrator or resonator) near (electrostrictive or piezoelectric) and
(mount or mounted or mounting) near pedestal: 0 records**

[Refine Search](#)

(oscillator or vibrator or resonator) near (electrostrictive or piezoelectric) and
(mount or mounted or mounting) near pedestal: 0 records

No records matching your query found in PCT (Full Text)

Search Summary

oscillator NEAR electrostrictive: 0 occurrences in 0 records.

oscillator NEAR pedestal: 0 occurrences in 0 records.

(oscillator NEAR electrostrictive AND oscillator NEAR pedestal): 0 records.

vibrator NEAR electrostrictive: 3 occurrences in 3 records.

vibrator NEAR pedestal: 0 occurrences in 0 records.

(vibrator NEAR electrostrictive AND vibrator NEAR pedestal): 0 records.

((oscillator NEAR electrostrictive AND oscillator NEAR pedestal) OR (vibrator NEAR electrostrictive AND vibrator NEAR pedestal)): 0 records.

resonator NEAR electrostrictive: 0 occurrences in 0 records.

resonator NEAR pedestal: 17 occurrences in 5 records.

(resonator NEAR electrostrictive AND resonator NEAR pedestal): 0 records.

((((oscillator NEAR electrostrictive AND oscillator NEAR pedestal) OR (vibrator NEAR electrostrictive AND vibrator NEAR pedestal)) OR (resonator NEAR electrostrictive AND resonator NEAR pedestal)): 0 records.

oscillator NEAR piezoelectric: 239 occurrences in 130 records.

oscillator NEAR pedestal: 0 occurrences in 0 records.

(oscillator NEAR piezoelectric AND oscillator NEAR pedestal): 0 records.

vibrator NEAR piezoelectric: 804 occurrences in 155 records.

vibrator NEAR pedestal: 0 occurrences in 0 records.

(vibrator NEAR piezoelectric AND vibrator NEAR pedestal): 0 records.

((oscillator NEAR piezoelectric AND oscillator NEAR pedestal) OR (vibrator NEAR piezoelectric AND vibrator NEAR pedestal)): 0 records.

resonator NEAR piezoelectric: 811 occurrences in 172 records.

resonator NEAR pedestal: 17 occurrences in 5 records.

(resonator NEAR piezoelectric AND resonator NEAR pedestal): 0 records.

((((oscillator NEAR piezoelectric AND oscillator NEAR pedestal) OR (vibrator NEAR piezoelectric AND vibrator NEAR pedestal)) OR (resonator NEAR piezoelectric AND resonator NEAR pedestal)): 0 records.

((((oscillator NEAR electrostrictive AND oscillator NEAR pedestal) OR (vibrator NEAR electrostrictive AND vibrator NEAR pedestal)) OR (resonator NEAR electrostrictive AND resonator NEAR pedestal)) OR (((oscillator NEAR piezoelectric AND oscillator NEAR pedestal) OR (vibrator NEAR piezoelectric AND vibrator NEAR pedestal)) OR (resonator NEAR piezoelectric AND resonator NEAR pedestal)) OR (resonator NEAR piezoelectric AND resonator NEAR pedestal))): 0 records.

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Search Results 09/22/2005 - 09:36:30

 Query :

Query: ((oscillator <or> vibrator <or> resonator) <near> (electrostrictive <or> piezoelectric) <and> (mount <or> mounted <or> mounting) <near> pedestal)

1 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

| | | |
|----------------------------|--|-----|
| 1. 1204178 | APPARATUS FOR SUPPRESSION OF SPURIOUS ATTENUATION POLES IN CRYSTAL FILTERS | 89% |
|----------------------------|--|-----|

Last Modified: 2002-12-31

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Search Results 09/22/2005 - 09:38:51

Search Query :

((oscillator <or> vibrator <or> resonator

Query: ((oscillator <or> vibrator <or> resonator) <near> (electrostrictive <or> piezoelectric) <and> (mount <or> mounted <or> mounting) <and> (cantilever <or> cantilevered))

7 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

| | | |
|----------------------------|---|-----|
| 1. 2230191 | ELECTRIC TOOTHBRUSH | 90% |
| 2. 1169144 | VIBRATION SENSOR | 89% |
| 3. 2066838 | HIGH FREQUENCY PRINTING MECHANISM | 77% |
| 4. 1314159 | DENTAL HYGIENE DEVICE | 77% |
| 5. 1233664 | IMPROVED FIBER OPTIC REMOTE SENSOR | 77% |
| 6. 1156345 | VIBRATION SENSOR FOR AN AUTOMOTIVE VEHICLE | 77% |
| 7. 2374084 | IMPROVED ELECTRONIC WEIGHING APPARATUS UTILIZING SURFACE ACOUSTIC WAVES | 74% |

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Search Results 09/22/2005 - 13:31:31



Query :

```
((microelectromechanical <near> (osc
```

Query: ((microelectromechanical <near> (oscillator <or> vibrator <or> resonator)))

Sorry, no patents were found matching your query

Please modify your query and try again. [Example queries and search language help](#) are available.

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Search Results 09/22/2005 - 13:24:56

Search Query :

((micromechanical <near> (oscillator <

Query: ((micromechanical <near> (oscillator <or> vibrator <or> resonator)))

16 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

| | | |
|----------------------------|---|------|
| 1. 2457121 | MECHANICAL RESONATOR DEVICE HAVING PHENOMENA-DEPENDENT ELECTRICAL STIFFNESS | 100% |
| 2. 2420498 | MICROMECHANICAL RESONATOR AND FILTER USING THE SAME | 100% |
| 3. 2406543 | METHOD AND SUBSYSTEM FOR PROCESSING SIGNALS UTILIZING A PLURALITY OF VIBRATING MICROMECHANICAL DEVICES | 100% |
| 4. 2406176 | METHOD AND APPARATUS FOR SELECTING AT LEAST ONE DESIRED CHANNEL UTILIZING A BANK OF VIBRATING MICROMECHANICAL APPARATUS | 100% |
| 5. 2360405 | DEVICE INCLUDING A MICROMECHANICAL RESONATOR HAVING AN OPERATING FREQUENCY AND METHOD OF EXTENDING SAME | 100% |
| 6. 2238615 | METHOD OF STIMULATING AN OSCILLATOR CONTROL FOR CAPACITIVE MEASUREMENT OF | 100% |



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Search Results 09/22/2005 - 13:28:48

Query :

Query: ((**"micro mechanical"** <near> (oscillator <or> vibrator <or> resonator)))**Sorry, no patents were found matching your query**Please modify your query and try again. [Example queries and search language help](#) are available.

Last Modified: 2002-12-31

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Search Results 09/22/2005 - 13:29:36

Query :

```
( ("micro-mechanical" <near> (oscilla
```

Query: (("micro-mechanical" <near> (oscillator <or> vibrator <or> resonator)))

Sorry, no patents were found matching your query

Please modify your query and try again. [Example queries](#) and [search language help](#) are available.

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Search Results 09/22/2005 - 13:31:08

Query :

`((((("micro-electro-mechanical" <ne`Query: ((((("micro-electro-mechanical" <near> (oscillator <or> vibrator
<or> resonator))))))4 documents out of 1646145 matched your query. Click on its number
to view the details of the document.**Note:** All document detail pages now appear on a new Browser
Window.

1. [2344737](#) ENCAPSULATED MEMS BAND-PASS FILTER FOR INTEGRATED CIRCUITS AND METHOD OF FABRICATION THEREOF 84%
2. [2500533](#) MIXED TECHNOLOGY MEMS/SIGE BICMOS DIGITIZING ANALOG FRONT END WITH DIRECT RF SAMPLING 22%
3. [2375138](#) DEPOSITED THIN FILM VOID-COLUMN NETWORK MATERIALS 09%
4. [2462584](#) OSCILLATING HOT WIRE OR HOT FILM FLOW SENSOR 02%

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Search Results 09/22/2005 - 13:30:48

Query :

```
((((( ("micro-electromechanical" <nl
```

Query: (((((("micro-electromechanical" <near> (oscillator <or> vibrator <or> resonator)))))))

Sorry, no patents were found matching your query

Please modify your query and try again. [Example queries](#) and [search language help](#) are available.

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Search Results 09/22/2005 - 13:34:34

 Query :

```
(("micro-oscillator" <or> "micro-vibrato
```

Query: (("micro-oscillator" <or> "micro-vibrator" <or> "micro-resonator"))

8 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

| | | |
|----------------------------|--|------|
| 1. 2289984 | SEMICONDUCTOR MICRO-RESONATOR DEVICE | 100% |
| 2. 2423008 | METHODS OF ALTERING THE RESONANCE OF WAVEGUIDE MICRO-RESONATORS | 99% |
| 3. 2361527 | OPTO-ELECTRONIC OSCILLATORS HAVING OPTICAL RESONATORS | 84% |
| 4. 2353995 | AIR MANAGER SYSTEMS FOR METAL-AIR BATTERIES UTILIZING A DIAPHRAGM OR BELLOWS | 84% |
| 5. 2503577 | METHOD FOR PRODUCING A PACKAGED INTEGRATED CIRCUIT WITH A MICROCAVITY | 80% |
| 6. 2408534 | OPTICAL WAVEGUIDE COUPLER | 77% |
| 7. 2068899 | WHISPERING MODE MICRO-RESONATOR | 77% |
| 8. 1317769 | ULTRA-PRECISION GRINDING MACHINE | 77% |

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Search Results 09/22/2005 - 13:33:22



Query :

(("micro oscillator" <or> "micro vibrato")

Query: (("micro oscillator" <or> "micro vibrator" <or> "micro resonator"))

8 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

| | | |
|----------------------------|--|------|
| 1. 2289984 | SEMICONDUCTOR MICRO-RESONATOR DEVICE | 100% |
| 2. 2423008 | METHODS OF ALTERING THE RESONANCE OF WAVEGUIDE MICRO-RESONATORS | 99% |
| 3. 2361527 | OPTO-ELECTRONIC OSCILLATORS HAVING OPTICAL RESONATORS | 84% |
| 4. 2353995 | AIR MANAGER SYSTEMS FOR METAL-AIR BATTERIES UTILIZING A DIAPHRAGM OR BELLOWS | 84% |
| 5. 2503577 | METHOD FOR PRODUCING A PACKAGED INTEGRATED CIRCUIT WITH A MICROCAVITY | 80% |
| 6. 2408534 | OPTICAL WAVEGUIDE COUPLER | 77% |
| 7. 2068899 | WHISPERING MODE MICRO-RESONATOR | 77% |
| 8. 1317769 | ULTRA-PRECISION GRINDING MACHINE | 77% |

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Search Results 09/22/2005 - 13:35:33

Search Query :

((microoscillator <or> microvibrator <or>

Query: ((microoscillator <or> microvibrator <or> microresonator))

11 documents out of 1646145 matched your query. Click on its number to view the details of the document.

Note: All document detail pages now appear on a new Browser Window.

| | | |
|----------------------------|--|------|
| 1. 2354893 | MICROLASER ASSEMBLY HAVING A MICRORESONATOR AND ALIGNED ELECTRO-OPTIC COMPONENTS | 100% |
| 2. 2311008 | SIDE PUMPED Q SWITCHED MICROLASER AND ASSOCIATED FABRICATION METHOD | 100% |
| 3. 2309152 | APPARATUS AND METHOD FOR SIMULTANEOUS MEASUREMENT OF MASS AND HEAT FLOW CHANGES | 100% |
| 4. 2354897 | WEDGE-SHAPED MICRORESONATOR AND ASSOCIATED MICROLASER ASSEMBLY | 99% |
| 5. 2311982 | SIDE PUMPED, Q-SWITCHED MICROLASER | 99% |
| 6. 2309160 | MASS AND HEAT FLOW MEASUREMENT SENSOR | 96% |
| 7. 2439907 | OPTICAL DEVICES AND METHODS EMPLOYING NANOPARTICLES, MICROCAVITIES, AND SEMICONTINUOUS METAL FILMS | 85% |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|--|---|------------------|----------|
| 1 | BRS | L1 | 0 | "6700312".pn. and input and output | USPAT | 2005/09/22 12:08 | |
| 2 | BRS | L2 | 347 | microresonator or "micro resonator" or "micro-resonator" | USPAT; USOCR; EPO; JPO; DERVENT; IBM_T DB | 2005/09/22 12:24 | |
| 3 | BRS | L3 | 31 | "micro oscillator" or "micro-oscillator" | USPAT; USOCR; EPO; JPO; DERVENT; IBM_T DB | 2005/09/22 12:25 | |
| 4 | BRS | L4 | 56 | "micro vibrator" or "micro-vibrator" or microvibrator | USPAT; USOCR; EPO; JPO; DERVENT; IBM_T DB | 2005/09/22 12:26 | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|---|------------------|----------|
| 1 | BRS | L1 | 0 | "6700312".pn. and input and output | USPAT | 2005/09/22 12:08 | |
| 2 | BRS | L2 | 347 | microresonator or "micro resonator" or "micro-resonator" | USPAT; USOCR; EPO; JPO; DERVENT; IBM_TDB | 2005/09/22 12:24 | |
| 3 | BRS | L3 | 31 | "micro oscillator" or "micro-oscillator" | USPAT; USOCR; EPO; JPO; DERVENT; IBM_TDB | 2005/09/22 12:25 | |
| 4 | BRS | L4 | 56 | "micro vibrator" or "micro-vibrator" or microvibrator | USPAT; USOCR; EPO; JPO; DERVENT; IBM_TDB | 2005/09/22 12:26 | |
| 5 | BRS | L5 | 280 | ("micro mechanical" or "micro electromechanical" or micromechanical or microelectromechanical or mems) adj2 (resonator or oscillator or vibrator) | US-PGPUB; USPAT; USOCR | 2005/09/22 13:16 | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|------|---|---|----------------------|----------|
| 6 | BRS | L6 | 103 | ("micro mechanical" or "micro electromechanical" or micromechanical or microelectromechanical or mems) adj2 (resonator or oscillator or vibrator) | EPO; JPO; DERWE NT; IBM_T DB | 2005/09/2 2 13:21 | |
| 7 | IS&R | L7 | 24 | (("3576453") or ("3599124") or ("3614483") or ("3732510") or ("4376919") or ("5132643") or ("5153476") or ("5361045") or ("5783973") or ("6720709") or ("3861024") or ("5025346") or ("5190637") or ("5440152") or ("5491604") or ("5537083") or ("5569968") or ("5576251") or ("5651900") or ("5660680") or ("5839062") or ("5919364") or ("6033974") or ("6064081")).PN. | USPAT | 2005/09/2 2 13:45 | |
| 8 | IS&R | L8 | 0 | ("inputsameoutputsame(piezoelectricorelectro strictive)adj2(vibrato rorresonatororoscillat or)").PN. | USPAT | 2005/09/2 2 13:45 | |

| | | | | | | | |
|---|-----|-----|---|---|-------|----------------------|--|
| 9 | BRS | L10 | 0 | input same output same (piezoelectric or electrostrictive) same ("micro oscillator" or microvibrator or "micro vibrator" or "micro resonator" or microresonator) | USPAT | 2005/09/2 2 13:47 | |
|---|-----|-----|---|---|-------|----------------------|--|

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|--|-------|------------------|----------|
| 10 | BRS | L11 | 26 | input same output same ("micro oscillator" or microvibrator or "micro vibrator" or "micro resonator" or microresonator) | USPAT | 2005/09/22 13:47 | |